

MRI MSK Infection/Osteomyelitis

Updated 07/20/20

Reviewed 05/14/25

Use small field-of-view (FOV) centered on the area of interest.

Angle imaging planes as per routine protocols.

Go to MRIMaster.com for a guide of proper positioning.

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice
T1	T1 AX	ax	no	5	1.5	top
STIR	STIR AX	ax	no	5	1.5	top
T1	T1 COR	cor	no	4	1	front
T2	T2 FS COR	cor	yes	4	1	front
T1	T1 SAG	sag	no	4	1	lateral
T2	T2 FS SAG	sag	yes	4	1	lateral

CONTRAST - 2 mL/sec standard dose gadolinium (0.2 mL/kg Clariscan or 0.1 mL/kg Gadavist) followed by 20 mL saline flush.

T1	T1 FS POST AX	ax	yes	5	1.5	top
T1	T1 FS POST COR	cor	yes	4	1	front
T1	T1 FS POST SAG	sag	yes	4	1	sag